

**CLAIM SUMMARY DOCUMENT**

1           1.       (Previously Amended) An impingement flow for a wall part, in which a  
2       plurality of impingement orifices are arranged areally in a plane or curved carrier, the  
3       carrier being arranged at a distance from the wall part, and an impingement area, to be  
4       cooled or heated, of the wall part being designed as a relief, wherein

5               -       that side of the wall part which faces the impingement jet is provided with a  
6       number of troughs arranged next to one another, said troughs being in the form of  
7       spherical cups or similar rotationally symmetrical forms, one impingement jet per trough  
8       being provided, which impingement jet strikes a trough base at least approximately  
9       perpendicularly, and

10              -       that side of the wall part which is remote from the impingement jet is of at  
11       least roughly plane design.

1           2.       (Previously Amended) The impingement flow as claimed in claim 1,  
2       wherein the trough has the shape of a circle segment.

Claims 3-4 (Withdrawn)

1           5.       (Previously Amended) The impingement flow as claimed in claim 1,  
2       wherein the wall part to be cooled or heated is made together with the troughs.

1           6.       (Previously Amended) The impingement flow as claimed in claim 1,  
2       wherein the impingement orifices form the inlet of impingement tubes, a mouth of which is  
3       directed toward the wall part to be cooled or heated.